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(54) **ACCOMMODATING INTRAOCULAR LENSES AND ASSOCIATED SYSTEMS, FRAMES, AND METHODS**

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(52) **U.S. Cl.**

USPC **623/6.34**; 623/6.33; 623/6.37; 623/6.43

(58) **Field of Classification Search**

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See application file for complete search history.

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ABSTRACT

An intraocular lens for providing accommodative vision to a subject includes a frame disposed about an optical axis, a first optical element, a second optical element, and a connecting element operably coupling the frame to the optical elements. The frame comprises an anterior frame element and a posterior frame element. The connecting element is configured to convert a first displacement between the frame elements in a direction that is substantially parallel to the optical axis into a second displacement between the optical elements that is substantially perpendicular to the optical axis. The second displacement may be translational and/or rotation. In some embodiments, the optical elements are two varifocal lenses.

25 Claims, 20 Drawing Sheets

